

License Discharge Point 1

Reporting Period: 2019/20

No of samples required by license: 1 / month

No of times collected and analysed: 1 / Month

Monitoring Results

Pollutant	Units of measure	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Lowest sample value	Mean sample value	Highest sample value	Limits
			29.05.19		01.07.19	13.8.19	04.09.19	16.10.19	4.11.19	3.12.19	13.01.20	03.02.20	3.3.20				
BOD	mg/L		5		6	3	10	9	5	6	7	8	10	3	69	NA	30
Faecal Coliforms	CFU/100ml		~9		<9	<90	<9	<100	130	~36	~18	~100	<9	~9	510	~100	600
Nitrogen (total)	mg/L		8.3		14.7	13.1	7	6.3	5.5	7	4.2	5.2	<0.05	<0.05	7.1	14.7	15
Oil & Grease	mg/L		<2		<2	<2	<2	4	<2	<2	<2	<2	<2	<2	2.2	4	10
pH	pH		7.94		9.10	9.03	9.66	7.73	7.98	8.62	9.23	9.48	9.45	7.72	8.8	9.66	6.5-8.5
Phosphorus (total)	mg/L		5.9		5.7	4.62	2.6	6.67	7.72	7.77	4.71	4.13	3.2	2.6	5.2	7.77	10
Total Kjeldahl Nitrogen	mg/L		6.7		4.4	2.4	2.8	6.0	4.0	6.0	3.8	5.1	4.6	2.4	4.58	6.7	10
TSS	mg/L		11		9	18	20	<5	11	19	36	52	55	<5	23.6	55	50
Exceedance Yes / No			N		Y	y	Y	N	N	Y	y	Y	Y				

Reason for exceedance during the reporting month: Trade waste incursion mixed with lower flows (longer retention in the pump station)

License Discharge Point 1 Volume Discharged

Monitoring Results

Month	Unit of Measure	Frequency	No of measurements made	Lowest results	Mean result	High result	Limits
APR	KL/Day	Daily	30	309	483	940	900KL/Day
MAY	KL/Day	Daily	31	436	537	724	900KL/Day
JUN	KL/Day	Daily	30	459	540	695	900KL/Day
JUL	KL/Day	Daily	31	415	506	569	900KL/Day
AUG	KL/Day	Daily	31	199	502	697	900KL/Day
SEP	KL/Day	Daily	30	699	846	900	900KL/Day
OCT	KL/Day	Daily	31	560	675	795	900KL/Day
NOV	KL/Day	Daily	30	39	436	918	900KL/Day
DEC	KL/Day	Daily	31	211	272	326	900KL/Day
JAN	KL/Day	Daily	31	206	321	713	900KL/Day
FEB	KL/Day	Daily	29	267	340	439	900KL/Day
MAR	KL/Day	Daily	31	226	390	838	900KL/Day

Monitoring Point 3: 200m downstream of Point 1 in Molong Creek

Reporting Period: 2019/20

No of samples required by license: 1 / year

No of times collected and analysed: 1 / year

Monitoring Results

Pollutant	Units of measure	APR xx.xx.xx	MAY 29.05.19	JUN xx.xx.xx	JUL xx.xx.xx	AUG xx.xx.xx	SEP xx.xx.xx	OCT xx.xx.xx	NOV 26.11.19	DEC xx.xx.xx	JAN xx.xx.xx	FEB xx.xx.xx	MAR xx.xx.xx	Lowest sample value	Mean sample value	Highest sample value	No. of Samples required by licence	No. of Samples you collected and analysed
BOD	mg/L		2						4					NA	NA	NA	1/year	/year
Faecal Coliforms	CFU/100ml		150						~55								1/year	/year
Nitrogen (total)	mg/L		1.9						1.2								1/year	/year
Oil & Grease	mg/L		3						<2								1/year	/year
pH	pH		7.56						7.72								1/year	/year
Phosphorus (total)	mg/L		1.00						2.00								1/year	/year
Total Kjeldahl Nitrogen	mg/L		<0.1						0.9								1/year	/year
TSS	mg/L		<1						10								1/year	/year

Reason for exceedance during reporting period:

Monitoring Point 4: 100m upstream of Point 1 in Molong Creek:

Reporting Period 2019/20

No of samples required by license: 1 / year

No of times collected and analysed: 1 / year

Monitoring Results

Pollutant	Units of measure	APR xx.xx.xx	MAY 29.05.19	JUN xx.xx.xx	JUL xx.xx.xx	AUG xx.xx.xx	SEP xx.xx.xx	OCT xx.xx.xx	NOV 26.11.19	DEC xx.xx.xx	JAN xx.xx.xx	FEB xx.xx.xx	MAR xx.xx.xx	Lowest sample value	Mean sample value	Highest sample value	No. of Samples required by licence	No. of Samples you collected and analysed
BOD	mg/L		2						3					NA	NA	NA	1/year	/year
Faecal Coliforms	CFU/100ml		320						~200								1/year	/year
Nitrogen (total)	mg/L		0.6						0.3								1/year	/year
Oil & Grease	mg/L		<2						<2								1/year	/year
pH	pH		7.51						7.79								1/year	/year
Phosphorus (total)	mg/L		<0.05						<0.05								1/year	/year
Total Kjeldahl Nitrogen	mg/L		<0.1						0.3								1/year	/year
TSS	mg/L		<1						<5								1/year	/year

Reason for exceedance during the reporting period: